



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application

Inventor: Edward C. McKinney, Jr. et al.

App. No.: 10/074,827

Confirm. No.: 8062

Filed: February 12, 2002

Title: Electro-Kinetic Air Transporter-Conditioner with Non-Equidistant Collector Electrodes

PATENT APPLICATION

Art Unit: 1711

Examiner: Thao T. Tran

Docket No. SHPR-01041USQ

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR §1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service utilizing the "Express Mail Post Office to Addressee" service on the date indicated below and is addressed to Mail Stop RCE, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313, and having Express Mail Label No. EV 442 644 974 US.

By: Linda Saunders
Linda Saunders

Dated: 9/22/04

**FOURTH INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.56**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

X Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with MPEP §609.

— The present application is being/was filed after June 30, 2003. In accordance with the pre-Official Gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at [pac/dapp/opla/preognotice/idswouscopies.htm](#), copies of cited U.S. patents and publications are not enclosed. Copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR §1.98(a)(2), as still required.

— The present application was filed prior to June 30, 2003. A copy of each cited document as required by 37 CFR §1.98 is enclosed.

This statement should be considered because:

X 37 CFR §1.97(b). This statement qualifies under 37 CFR §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under §1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 CFR §1.114.

X **Fee Authorization.** The Commissioner is authorized to charge underpayment or overpayment of any additional fees associated with this communication in the Request for Continued Examination (RCE) Transmittal submitted herewith.

X This Information Disclosure Statement is being filed on the same date as an electronic Information Disclosure Statement. No fee is due for any of the Information Disclosure Statements filed on September 22, 2004 for this application.

Respectfully submitted,

Date: 9/22/04

By: Jeffrey R. Kurin
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FORM PTO-1449
(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number
SHPR-01041USQ

Serial No.
10/074,827

**INFORMATION DISCLOSURE CITATION
BY THE APPLICANT**

Applicant
Edward C. McKinney, Jr. et al.

Filing Date
February 12, 2002

Group Art Unit
1711

PENDING U.S. PATENT APPLICATIONS

| Examiner Initial | | Application Number | Filing Date | Inventor | Petition to Expunge | |
|------------------|----|--------------------|-------------|----------------|---------------------|----|
| | | | | | Yes | No |
| | 1. | 60/104,573 | 10/16/1998 | Krichtafovitch | | X |
| | 2. | 10/405,193 | 4/1/2003 | Lee et al. | | X |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document Number | Publication Date | Country | Translation | |
|------------------|-----|-----------------|------------------|---------------|-------------|----|
| | | | | | Yes | No |
| | 3. | WO92/05875 A1 | 4/16/1992 | International | ✓ | |
| | 4. | WO96/04703 A1 | 2/15/1996 | International | ✓ | |
| | 5. | WO99/07474 A1 | 2/18/1999 | International | ✓ | |
| | 6. | WO03/013734 A1 | 2/20/2003 | International | ✓ | |
| | 7. | EP 0332624 B1 | 1/2/1992 | Europe | ✓ | |
| | 8. | CN 2111112 U | 7/29/1972 | China | ✓ | |
| | 9. | CN 2138764 Y | 6/27/1993 | China | ✓ | |
| | 10. | CN 2153231 Y | 12/18/1993 | China | ✓ | |
| | 11. | CN 87210843 U | 7/6/1988 | China | ✓ | |
| | 12. | DE 2206057 | 8/16/1973 | Germany | ✓ | |
| | 13. | GB 643,363 | 9/20/1950 | Great Britain | ✓ | |
| | 14. | JP S51-90077 | 8/6/1976 | Japan | ✓ | |
| | 15. | JP S62-20653 | 2/7/1987 | Japan | ✓ | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
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| | 16. | Trion Console 250 Electronic Air Cleaner, Model Series 442857 and 445600, Manual for Installation-Operation-Maintenance, Trion Inc., 7 pp., believed to be at least one year prior to Nov. 5, 1998 |
| | 17. | Trion 350 Air Purifier, Model 450111-010, http://www.feddersoutlet.com/trion350.html , 12 pp., believed to be at least one year prior to Nov. 5, 1998 |
| | 18. | Trion 150 Air Purifier, Model 45000-002, http://www.feddersoutlet.com/trion150.html , 11 pp., believed to be at least one year prior to Nov. 5, 1998 |
| | 19. | Trion 120 Air Purifier, Model 442501-025, http://www.feddersoutled.com/trion120.html , 16 pp., believed to be at least one year prior to Nov. 5, 1998 |
| | 20. | Friedrich C-90A Electronic Air Cleaner, Service Information, Friedrich Air Conditioning Co., 12 pp., 1985 |
| | 21. | LakeAir Excel and Maxum Portable Electronic Air Cleaners, Operating and Service Manual, LakeAir International, Inc., 11 pp., 1971 |

FORM PTO-1449

(Substitute)

SEP 22 2004

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

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February 12, 2002

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22. Blueair AV 402 Air Purifier, http://www.air-purifiers-usa.biz/Blueair_AV402.htm, 4 pp., 199623. Blueair AV 501 Air Purifier, http://www.air-purifiers-usa.biz/Blueair_AV501.htm, 15 pp., 1997

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NonAsterisked Items: Copies not submitted because they were submitted in prior application , filed , and relied upon under 35 USC §120.